O I P E
MAY 09 2003
PATENT & TRADEMARK

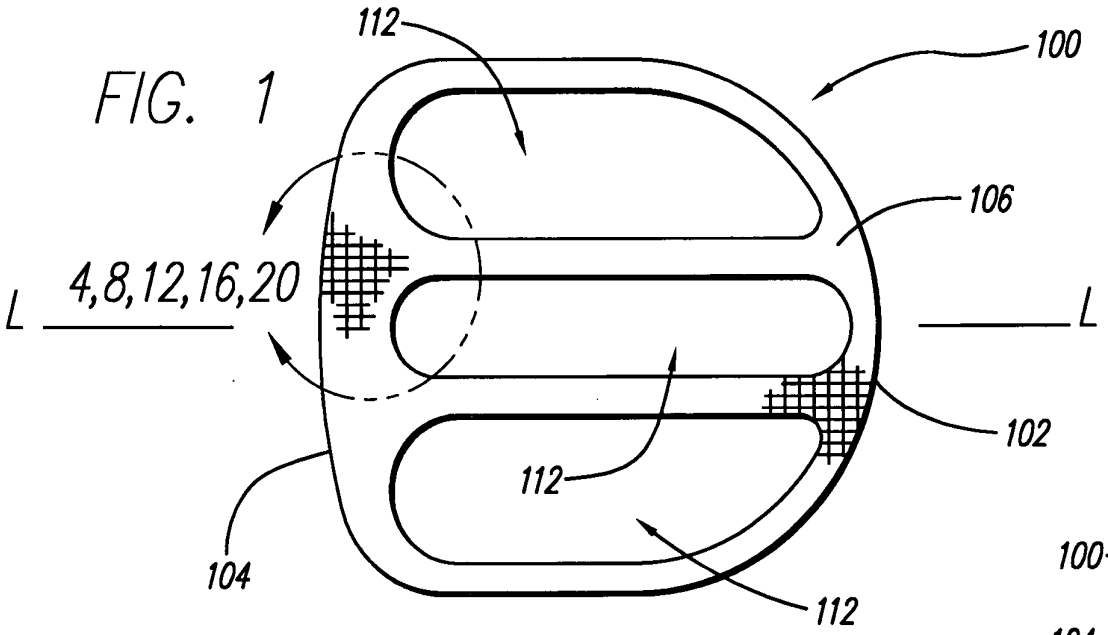


FIG. 1

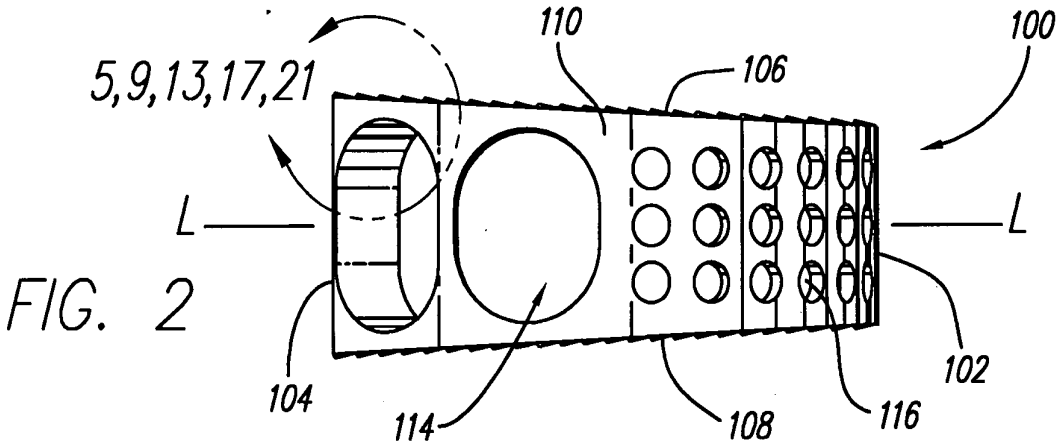


FIG. 2

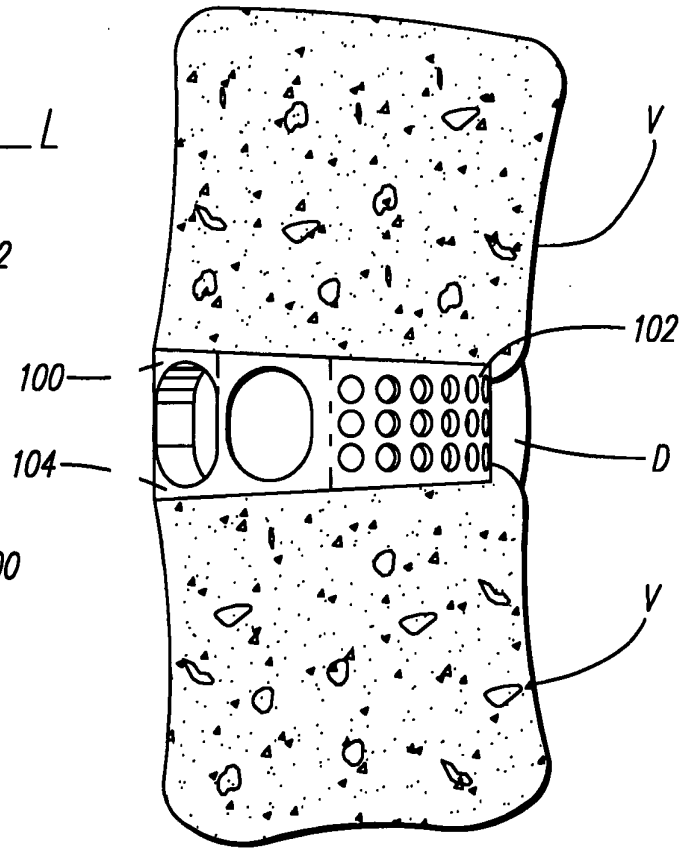


FIG. 3

OIPE JC15
MAY 09 2003
PATENT & TRADEMARK OFFICE

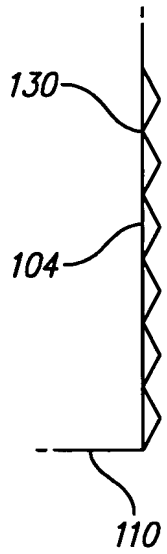


FIG. 6

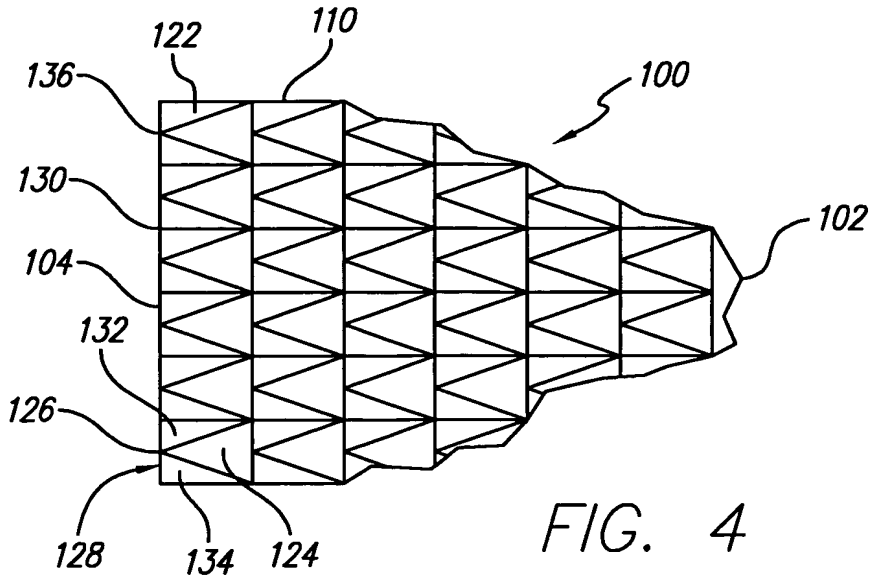


FIG. 4

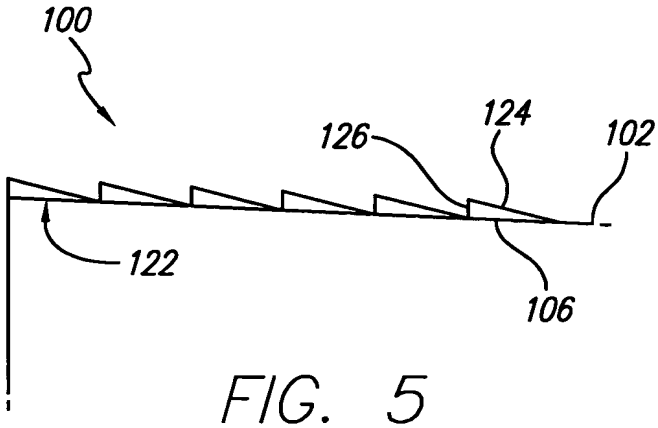
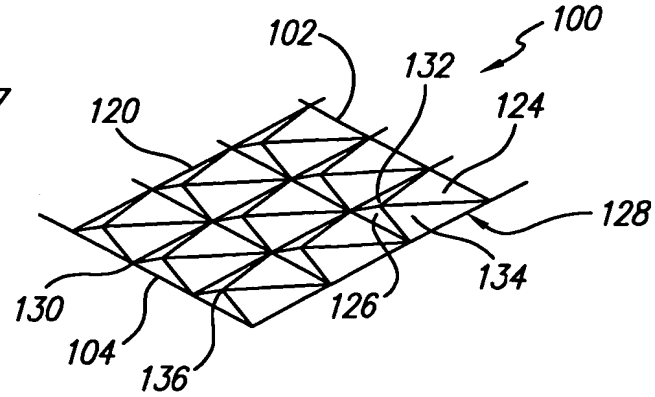


FIG. 5

FIG. 7



OIPE
MAY 0 9 2003
PATENT & TRADEMARK OFFICE

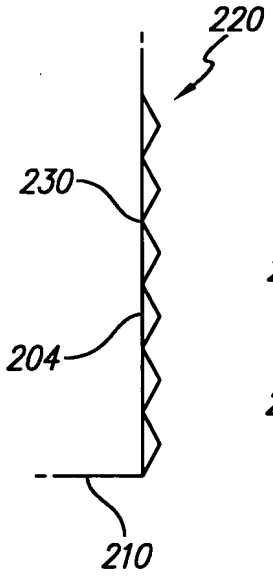


FIG. 10

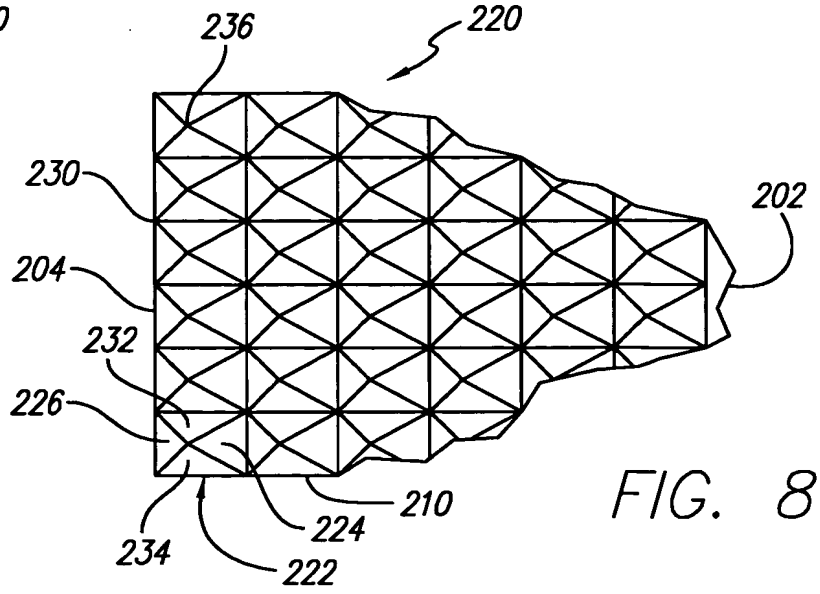


FIG. 8

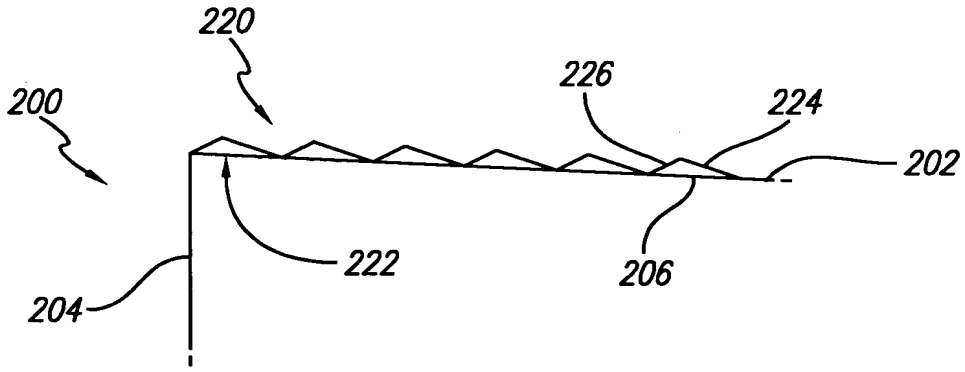


FIG. 9

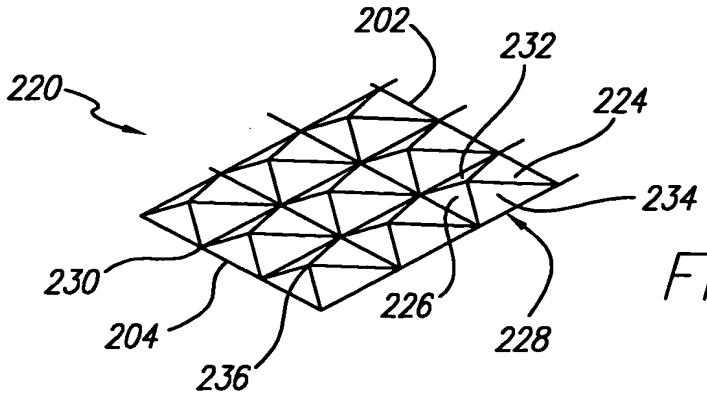


FIG. 11

O.I.P.E JC15
MAY 0 9 2003
PATENT & TRADEMARK OFFICE

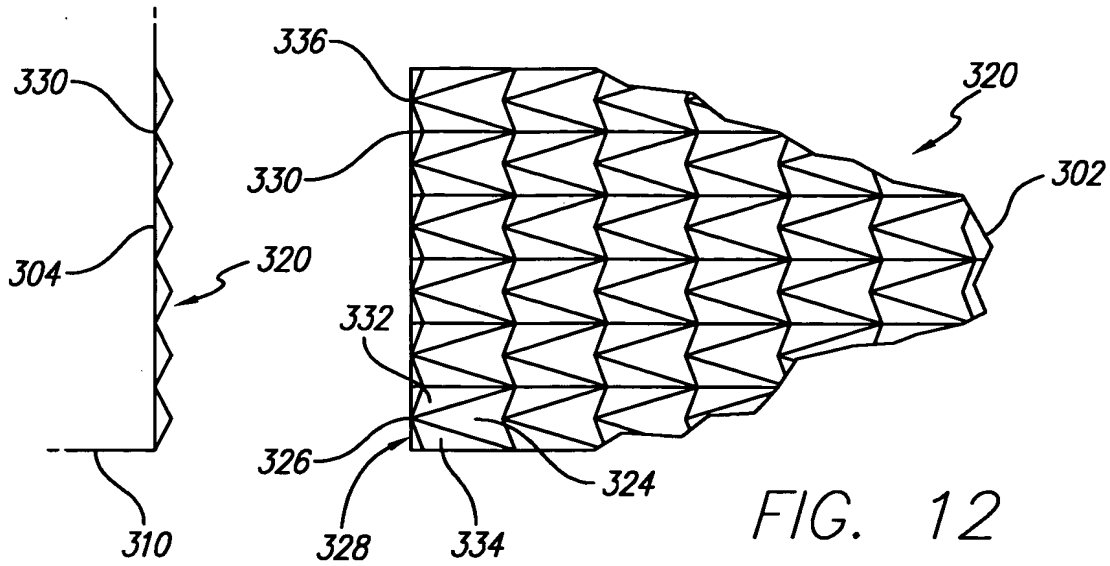


FIG. 12

FIG. 14

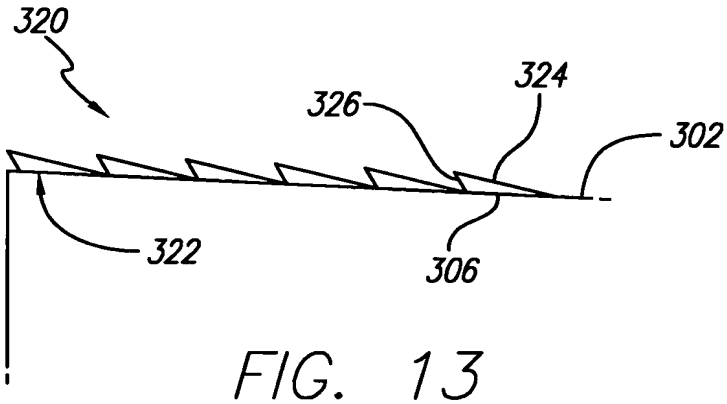


FIG. 13

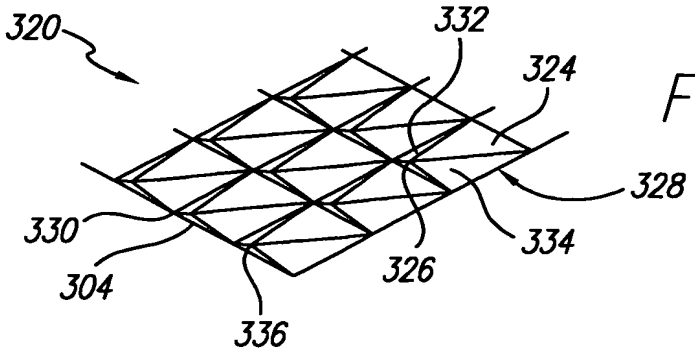


FIG. 15

OIPE
MAY 0 9 2003
PATENT & TRADEMARK OFFICE

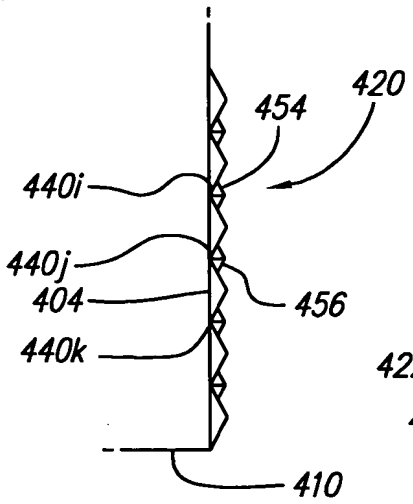


FIG. 18

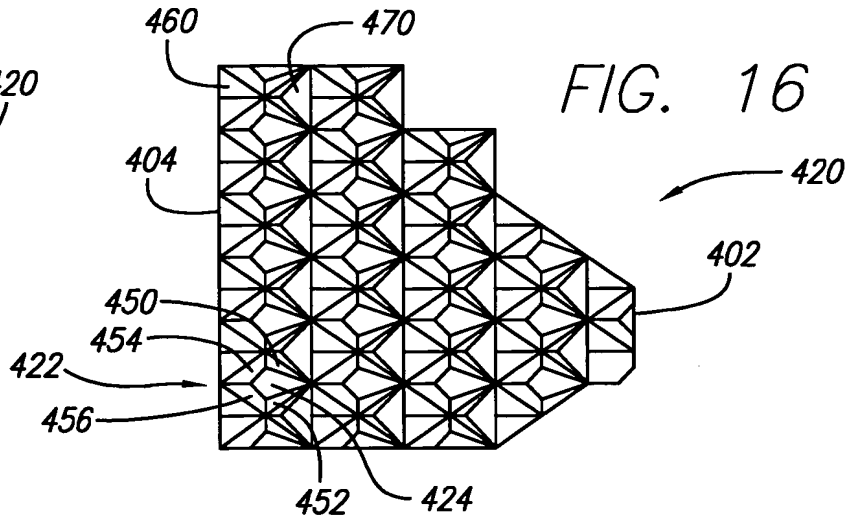


FIG. 16

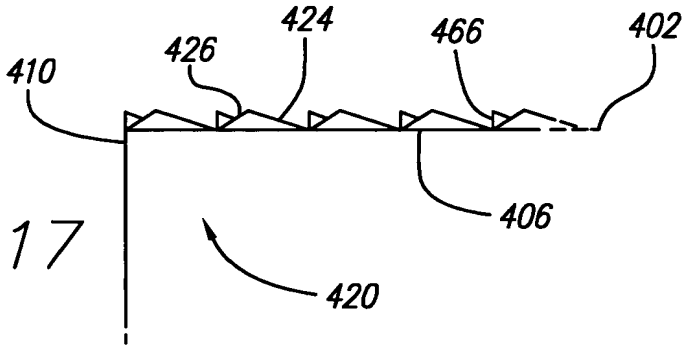


FIG. 17

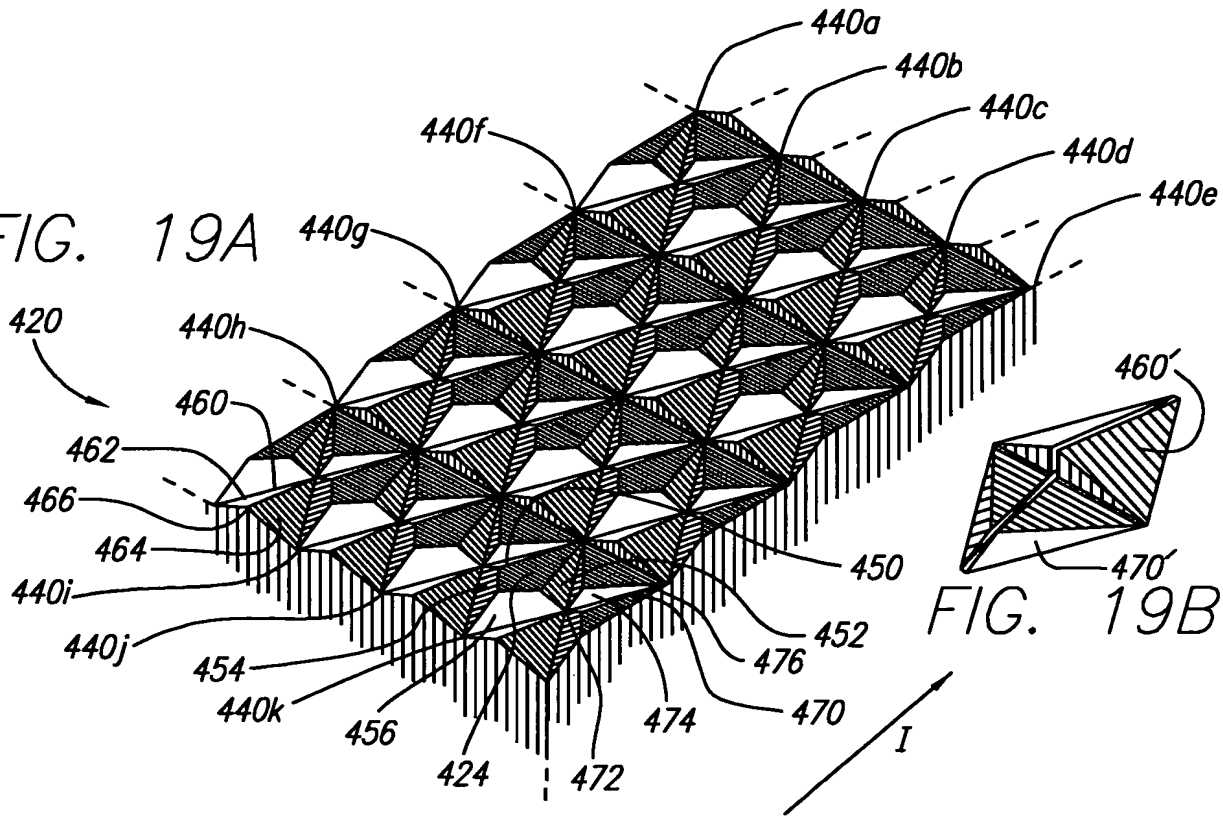


FIG. 19A

FIG. 19B

OIPE
MAY 0 9 2003
PATENT & TRADEMARK OFFICE

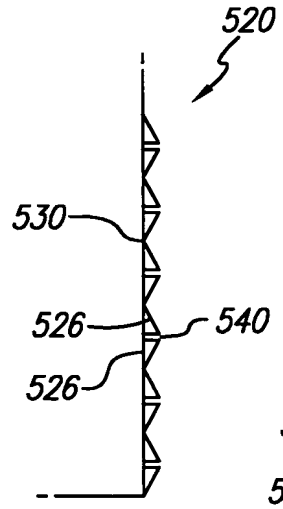


FIG. 22

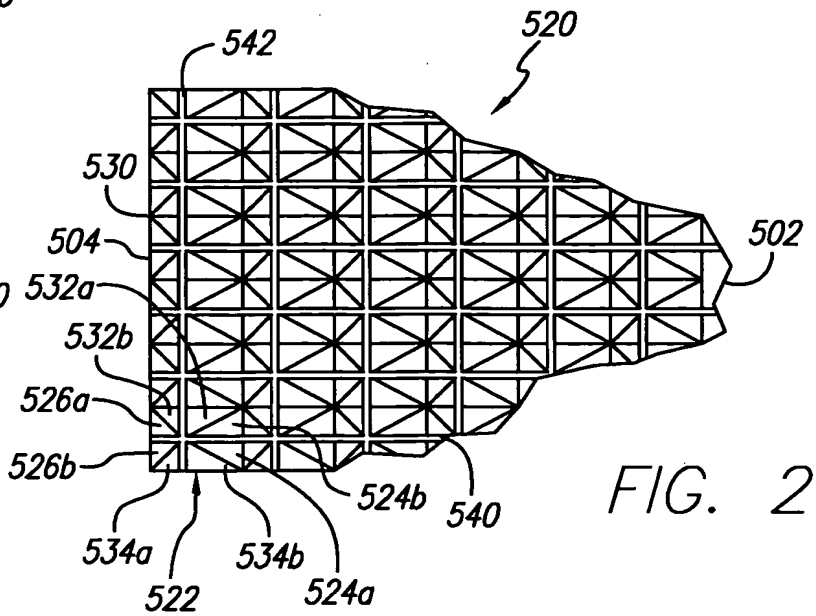


FIG. 20

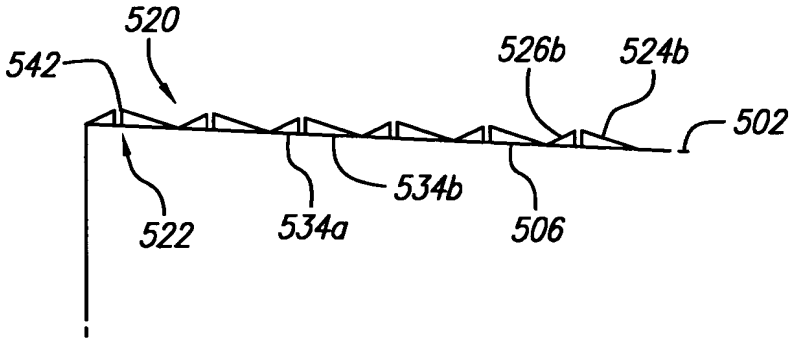


FIG. 21

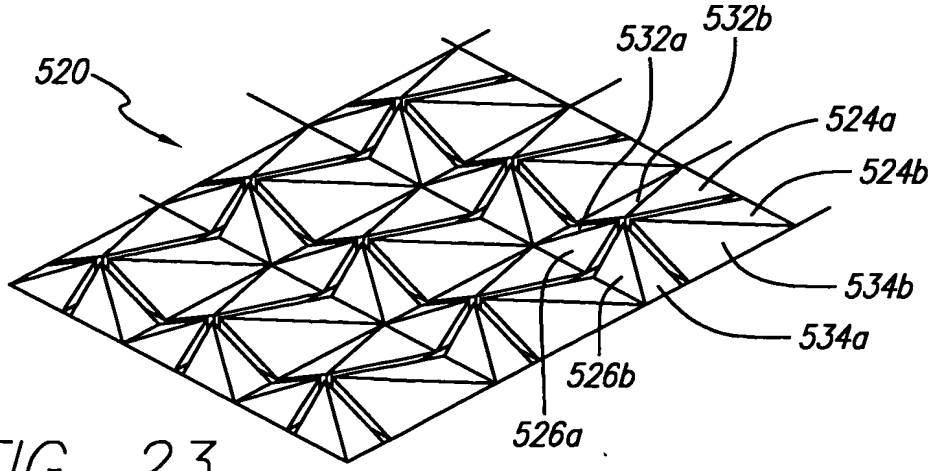


FIG. 23

OIPE
MAY 0 9 2003
PATENT & TRADEMARK

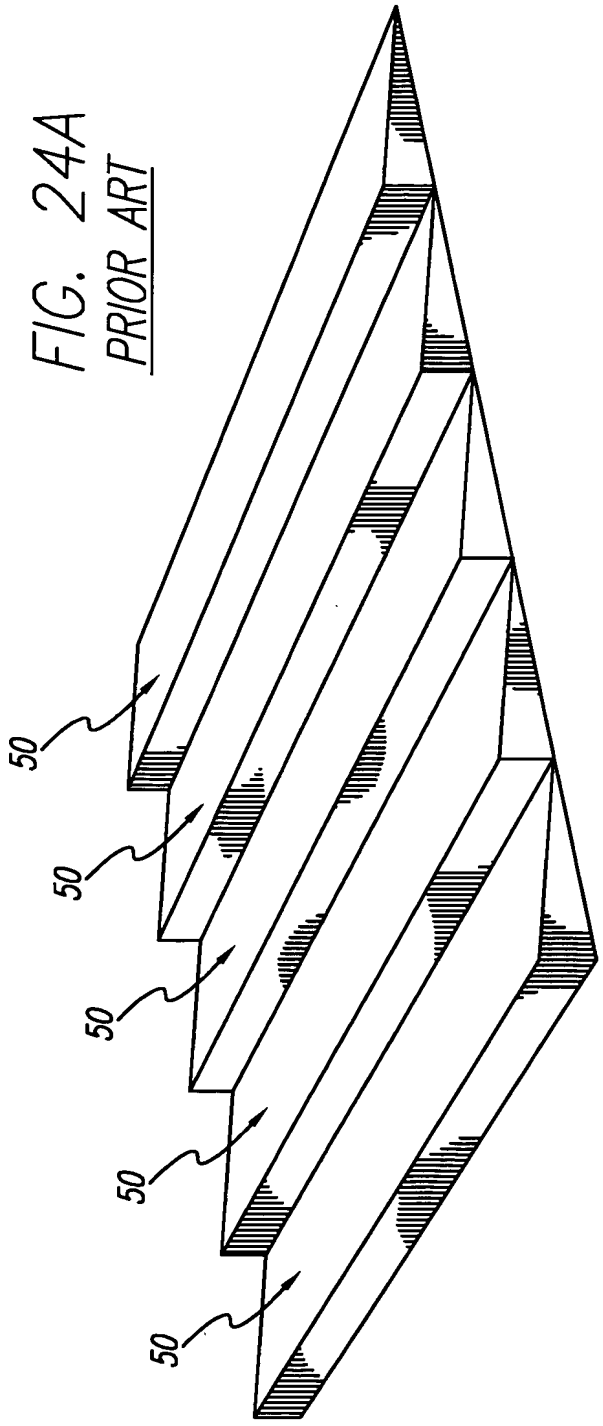


FIG. 24A
PRIOR ART

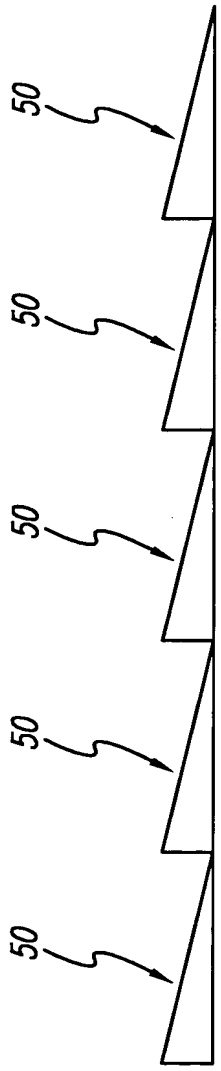


FIG. 24B
PRIOR ART